

What is Claimed is:

1. A hook attachment device for attachment to a front end loader having arms with loader attachment means on the arms with said device also being attachable to a bucket, said device having a frame with a plurality of power operated hooks pivotally mounted on the frame, said frame having a front and rear face, means on the rear face to detachably mount the frame to the loader attachment means of the loader, said frame having means on its front face to detachably mount the bucket thereto.

2. A hook attachment for attachment to a front end loader having arms with loader attachment means on the arms with said device also being attachable to a bucket, said device having a frame with a opposing faces to the frame. A plurality of hooks pivotally mounted on said frame to project forward and downward, said frame having means on one face to detachably mount the frame to the loader attachment means of the front end loader, said frame having means on its opposite face to detachable mount a bucket thereto with said hooks projecting over said bucket, whereby the hooks may be used in conjunction with the bucket on a front end loader.

3. A hook attachment device according to Claim 2, wherein hydraulic piston and cylinders mounted to the hook frame provide hydraulic power to pivot the hooks on the frame, said device having hydraulic lines extending from the cylinders on the frame toward the rear of the frame for attachment to hydraulic lines on the loader, a pair of pivoting frame each holding succeeding portions of the lines with the pivot on the frame adjacent the pivotal attachment of the loader

100-200-300-400-500

attachment means to the arms of the loader to enable the hydraulic lines to pivot with the frame to adjust to the change of positions of the lines as the loader attachment means pivots the location of the hydraulic lines on the attachment frame.

4. An elbow guide mechanism for guiding the intermediate portions of a cable when the outer end portions of the cable are moving toward and away from one another, said mechanism comprising a pair of channels pivotally connected together at their ends and adapted to receive the cable intermediate its ends and to retain one portion of the intermediate portion in one channel and a succeeding portion of the intermediate portion in the other channel with the connecting portion between the one and the succeeding portion extending about the pivotal connection of the channels to enable the intermediate portions to be guided in a definite pivoting pattern when the outer end portions of the cable move toward and away from one another.

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